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*(Use as many sheets as necessary)*

Sheet	1	of	2
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Application Number	09/534,682
Filing Date	March 24, 2000
First Named Inventor	Lloyd Watts
Art Unit	2644
Examiner Name	Devona E. Faulk
Attorney Docket Number	PA2994US

[illegible][illegible]

9/29/05

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	09/534,682		
		Filing Date	March 24, 2000		
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		Art Unit	2644		
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Sheet	2	of	2	Attorney Docket Number	PA2994US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
07		JEONG et al., "Implementation of a New Algorithm Using the STFT with Variable Frequency Resolution for the Time-Frequency Auditory Model," Journal of Audio Eng. Soc., Vol. 47, No. 4, April 1991, pp. 240-251.	
07		Syntrillium Software Corporation, "Cool Edit User's Manual," 1996, pp. 1-74.	
07		WATTS, "Robust Hearing Systems for Intelligent Machines," Applied Neurosystems Corporation, 2001, pp. 1-5.	
07		LIPPMANN, "Speech Recognition by Machines and Humans," Speech Communication 22, 1997, pp. 1-15.	
07		HERMANSKY, "Should Recognizers Have Ears?" in the Proc. ESCA Tutorial and Research Workshop on Robust Speech Recognition for Unknown Communication Channels, France, 1997, pp. 1-10.	

Examiner Signature	Devona E. Faulk	Date Considered	9/29/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Lloyd Watts  
APPLICATION NO.: 09/534,682  
FILED: March 24, 2000  
TITLE: Efficient Computation of Log-Frequency-Scale Digital Filter Cascade  
EXAMINER: Devona E. Faulk  
GROUP ART UNIT: 2644  
ATTY.DKT.NO.: PA2994US

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List of Co-Pending Patent Applications That May Be Directed  
Towards Similar Subject Matter

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
D7	10/177,049	Lloyd Watts	Robust Hearing Systems for Intelligent Machines	June 21, 2002
D7	09/993,442	Lloyd Watts	Editing of Audio Signals	November 13, 2001
D7	10/074,991	Lloyd Watts	Filter Set for Frequency Analysis	February 13, 2002
Examiner's Signature:	<i>Devona E. Faulk</i>			Date 9/29/05